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FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

March 8, 1993

Room 222  
Dockets # 876  
IN REPLY REFER TO:  
7330-7/1700A3

RECEIVED

AUG 11 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Honorable David S. Mann  
House of Representatives  
Cannon House Office Building  
Room 503  
Washington, D.C. 20515

Dear Congressman Mann:

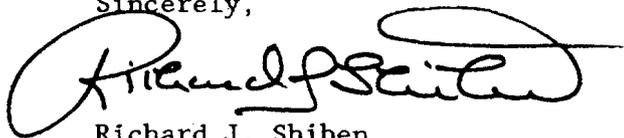
This is in reply to your letter of February 17, 1993, in which you inquired on behalf of several of your constituents regarding the Notice of Proposed Rule Making (Notice) in PR Docket No. 92-235, 57 FR 54034 (1992). This Notice proposes comprehensive changes to the Commission's Rules governing the private land mobile radio services operating in the frequency bands below 512 MHz.

Your constituents are specifically concerned about the impact of these changes on radio control (R/C) hobby users. Enclosed is a discussion paper concerning our proposals for the 72-76 MHz band. In short, we expect there would be no adverse impact on R/C operations because of any proposal contained in the Notice.

We are, of course, sensitive to the concerns of both users of private land mobile radio spectrum and R/C hobbyists. We will, therefore, take your constituents' concerns into account when we develop final rules in this proceeding. As indicated in the Notice, we remain convinced that without significant regulatory change in radio operations in the bands below 512 MHz, the quality of communications in the private land mobile radio services will continue to deteriorate to the point of endangering public safety and the national economy.

We want to thank you for your interest in this proceeding. Your constituents' letters will be included in the record of the proceeding. We expect final rules to be issued in 1994.

Sincerely,



Richard J. Shiben  
Chief, Land Mobile & Microwave Division  
Private Radio Bureau

Enclosures

No. of Copies rec'd 0/1  
List ABCDE

DAVID MANN  
1ST DISTRICT, OHIO

WASHINGTON OFFICE:

ROOM 503  
CANNON HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515  
(202) 225-2218

DISTRICT OFFICE:

2210 KROGER BUILDING  
1014 VINE STREET  
CINCINNATI, OH 45202  
(513) 864-2723

PRB  
92-235

Congress of the United States

House of Representatives  
Washington, DC 20515-3501

February 17, 1993

814

COMMITTEE ON JUDICIARY  
SUBCOMMITTEE ON  
ECONOMIC AND COMMERCIAL LAW  
SUBCOMMITTEE ON CRIME  
AND CRIMINAL JUSTICE  
SUBCOMMITTEE ON ADMINISTRATIVE LAW  
AND GOVERNMENTAL RELATIONS  
COMMITTEE ON ARMED SERVICES  
SUBCOMMITTEE ON MILITARY  
ACQUISITION  
SUBCOMMITTEE ON OVERSIGHT  
AND INVESTIGATIONS

Mr. Alfred C. Sikes  
Chairman  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, D.C. 20554

Docket # 92-235

Dear Chairman Sikes:

I am writing to make you aware of the concerns of many of my constituents with regard to the Notice of Proposed Rule Making to revise the Private Land Mobile Radio Services.

The constituents who have contacted me are all owners and operators of radio controlled model airplanes. Many are members of the Greater Cincinnati Radio Control Club. They are concerned that the adoption of the Rule as proposed would greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes. I share their and hope nothing will be done to harm model airplaners.

I urge you to carefully review the issues raised by my constituents before you adopt the final rule. I am enclosing the letters I have received on this issue and ask that they be made part of the Record for this proceeding.

Sincerely,

*David Mann*

DAVID S. MANN  
Member of Congress

James C. Ryan  
6941 Rob Vern Drive  
Cincinnati, OH 45239

January 29, 1993

The Honorable David Mann  
505 Cannon  
House Office Building  
Washington, DC 20510

Dear Congressman Mann:

I wish to urge in strongest possible terms that you act **against** PR Docket 92-235, a proposed rule change by the Federal Communications Commission (FCC). If enacted, this change will have a profound and lasting effect on the sport of building and flying radio control (R/C) aircraft. Not only will the sport, and the industry that serves it, be jeopardized, but this ruling would create a significant safety hazard which cannot be ignored.

Modern R/C models are sophisticated, high performance aircraft. Our national governing body, the Academy of Model Aeronautics (AMA), permits models of up to 50 pounds gross weight, and multi-engine models are not unusual. Racing planes and ducted fan (jet) aircraft can attain level flight speeds in the 150 to 200 mph range. These models can cost thousands of dollars and take literally years to build. If enacted, PR Docket 92-235 will make it possible for our control transmitters to be blanketed at any time by mobile transmitters many times more powerful than our own. Obviously, this occurrence would then turn the flying model into an "unguided missile", which, depending on circumstances, could crash in the immediate vicinity, or cover many miles before doing so. Given the size and speed of these aircraft, the resulting hazard is unacceptable.

Our sport employs thousands of Americans in production, distribution and sales sectors. On the consumer end, air shows and contests pump literally hundreds of thousands of dollars into local economies. A single show in central Iowa consistently attracts over 60 thousand spectators. Enactment of 92-235 would place all who earn their livelihood in this thriving industry at risk.

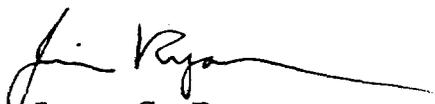
In 1991, the FCC changed the frequency requirements for R/C systems to make additional channels available. As a safety measure, this rule change required tighter frequency tolerances which made all our old equipment obsolete. In order to comply, we within the sport invested hundreds of dollars in new transmitters and receivers. Now, just two years later, the FCC is contemplating a further change which will make it possible for R/C frequencies to be overlapped and overwhelmed by powerful mobile systems on at least 31 of our 50 channels.

Congressman David Mann  
Page 2

January 29, 1993

I extract great enjoyment from my sport. Within our local club, the Greater Cincinnati R/C Club, I see young people learning important skills both in the construction and the operation of miniature airplanes. Perhaps as importantly, they have the rare opportunity to interact with, and learn from, our senior citizens, some of whom have modeling experience dating back to the 1930s. I urge you to act to insure that this very special and economically important sport will continue to exist and prosper.

Respectfully yours,



James C. Ryan

JCR

FEB 10 1993

3 FEB 1993

The Honorable David Mann  
505 Cannon  
House Office Building  
Washington, D.C. 20510

Dear Mr. Mann,

I am a Hamilton County resident and have long enjoyed the sport and hobby of flying radio controlled aircraft. I have invested many hours and many dollars in the sport, and am concerned about some proposed rule changes that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are currently far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans of up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more importantly, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the aircraft. We often fly our models at organized events and contests where hundreds of operators participate. Mobile phones are 4 times more powerful than radio control equipment. If they are allowed to come closer to radio control frequencies accidents are sure to happen, and the odds of injury to operators and innocent spectators will be greatly increased. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC and big business to insist on expanding their use of this nation's airwaves at the cost of others who have spent considerable time and money on a sport and hobby that has provided years of enjoyment to hundreds of thousands of people.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Roberson", with a long horizontal flourish extending to the right.

Jeff Roberson  
33 Towne Commons Way #11  
Cincinnati, OH 45215

1462 Kelvin Court  
Cincinnati, OH 45240  
12 February 1993

The Honorable David Mann  
505 Cannon  
House Office Building  
Washington, D.C. 20510

Dear Mr. Mann,

I have been interested in aviation of all types for many years, building plastic scale airplanes and reading military aviation history. In the past 4 years, I have become very interested in building and flying radio control aircraft. I belong to a local club, the Greater Cincinnati Radio Control Club, whose over 200 members share my enjoyment.

I am greatly concerned about the proposed changes under consideration by the Federal Communications Commission in PR Docket 92-235. If adopted as is these new rules will seriously reduce the number of usable frequencies that were only recently assigned to the operation of model aircraft and will increase the risks of accidents and attendant liabilities.

Our radio control frequencies are in the 72 - 76 MHz band, shared with private land mobile dispatch operations. Currently, the assigned frequencies are far enough apart that there is no interfering, one with the other. Under 92-235, the FCC will create more land mobile frequencies by rearranging the bandplan and narrowing the distance between assigned users. This will result in land mobile users being very close to the assigned radio control channels and will cause interference to the radio control users. As our radio control transmitters use less than 1 (one) watt and land mobile transmitters use many, many times as much power, we will have no control of our aircraft if a land mobile transmitter is even slightly off its assigned frequency.

I have read that of the 50 frequencies currently assigned to radio control of model aircraft, only 17 - 19 frequencies will be usable because the technical specifications for the new equipment allows a legal frequency tolerance which could place the land mobile signal directly on top of the radio control channel, overpowering our tiny signal and causing loss of control.

As many of our powered models have wingspans of up to 10 feet and weigh as much as 40 - 50 pounds and travel up to 200 mph, loss of control can cause property damage, serious injury, or even death. We go to great lengths to assure the safety of the operators and bystanders and the protection of property, including the careful coordination and use of the radio control frequencies. If the number of usable frequencies is reduced, as proposed in 92-235, the

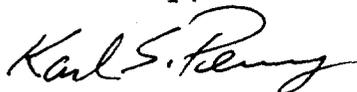
remaining frequencies will become very congested and the margin of safety will be greatly reduced.

Every year our local club puts on an open-to-the-public "Flying Circus". There are over 10 model aircraft in the air most of the time. This event is attended by over a thousand spectators each of the two days. The loss of control of even one aircraft due to interference from a land mobile user could cause serious injury to one of the bestanders.

I do not think the FCC has considered carefully enough the effect of this new rule. I understand that the land mobile service needs more frequencies, but not at the expense of the thousands of radio control modelers. The FCC may not think that we modelers are as important as business users, but we have a considerable investment of money and time in building (some model kits cost more than \$500 and take several months to build) and in our radio equipment (some systems cost up to \$1,000), not to mention the engines and other equipment and accessories needed to get an aircraft into the air. The hobby of radio control modeling provides tens of thousands of people like me with many hours of enjoyment and learning.

Please ask the FCC to reconsider that portion of 92-235 pertaining to the 72 - 76 MHz band. Do **NOT** let the FCC put any other user closer than 5 KHz either side of our current assigned radio control frequencies for safety's sake.

Sincerely,



KARL S. PERRY  
AMA #280016

January 30, 1993  
The Honorable David Mann,

Mr Mann,

I am a retired refrigeration man from Pipefitters L.U. #392 and having a matter to bring to your attention.

Since I retired six years ago have taken up a hobby that is now in jeopardy.

I have taken up Radio Controlled Model Airplanes. I am a member of A.M.A. Academy of Model Aeronautics I enjoy building model airplanes and learning to fly same.

The FCC is taking under consideration PR DOCKET 92-235 which will greatly reduce the usability of frequencies assigned for model use. I am told that of the 50 frequencies

that are presently for radio  
out of all operations. I am  
told only 19 frequencies will  
be left if these new rules  
are adopted.

The 419 page document  
addresses frequency use in  
another service (Part 88) but  
will also affect Part 95 where  
our RC frequency lines. Without  
becoming too technical, the restructuring  
inserts two new frequencies  
between those presently assigned  
for modeling use and commercial use.  
That means we could have a  
transmitter almost 8 times the  
power output of ours. only 2.5 KHz  
away from a large number of our  
72 and 75 MHz frequencies. The  
new frequencies very close to ours  
are designated as mobile so we would  
never know where they were operating  
next to us on the street or  
highway close by. This close

frequencies proposed by the  
FAA would cause radio  
interference and cause the  
operator to lose control of  
his or her airplane causing  
it to crash.

Mr Mann I am only  
asking for your support  
against FCC PROCKET 92-235  
to keep all of our frequencies for  
our use. We need your  
help.

Thank You

Paul L. Newport  
2259 Ebenezer Road  
Columati, Ohio  
45233-1752

FEB 10 1993

5935 Quailhill Drive  
Cincinnati, OH 45233  
February 1, 1993

The Honorable David Mann  
The House of Representatives  
Washington, D.C. 20515

RE: FCC: PR Docket 92-235

Dear Mr. Mann:

I am retired and derive many hours of enjoyment from constructing and flying radio controlled airplanes. I have invested a large sum of money in my hobby. I presently operate four radios.

I am very concerned about proposed rules that are under consideration by the Federal Communications Commission in PR Docket 92-235. If adopted, the rules would greatly reduce the usefulness of frequencies currently assigned for model use and greatly increase the risk of accidents and attendant liability for controlling model airplanes. Quite frankly, Mr. Mann, I would lose my life-long hobby.

Our radio control frequencies are in the 72 to 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them to a narrower bandwidth and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to our radio control operations. I am told that of the 50 frequencies that are presently available for model airplanes, only 19 will be left if these rules are adopted. If the number of frequencies is reduced as proposed by the FCC, the remaining ones will become congested and the margin of safety in flying model airplanes will be greatly decreased.

Many model airplanes have wing spans up to 10 feet and weigh as much as 30 to 40 pounds. Some are capable of flying in excess of 90 mph. The models themselves are expensive to build, and are capable of causing property damage, serious injury, or even death if radio interference by private land mobile dispatch operations causes the operator to lose control of the aircraft while it is in the air. We often fly our models at organized events and contests before hundreds of spectators. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment, as well as a safety concern when we fly our models.

The hobby provides many hours of enjoyment to thousands of people like myself and my family and has contributed to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pasttime by not allowing the FCC to carry out its proposal for the 72-76 MHz band.

Thank you.

Sincerely yours,

*Robert P. Ehas*  
Robert P. Ehas

February 1, 1993

The Honorable David Mann  
U.S. House of Reps.  
Washington, D.C. 20510

Dear Mr. Mann:

I have enjoyed building and operating radio controlled model airplanes and cars. The new rules under consideration by the Federal Communications Commission (FCC) is of great concern to me. The proceeding is PR Docket 92-235. If these new rules are adopted, the risk of accidents due to radio interference will be greatly increased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 pounds. The model cars weigh 6 pounds and are capable of speeds over 60 miles per hour. The models are expensive and could cause property damage, serious injury, or even death if interference causes loss of control.

I do not think it is wise of the FCC to increase the frequencies of mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

  
Ray Polking

DEAR MR. MANN,

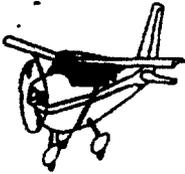
FEB 10 1993

JAN. 27, 1993

I AM A BUILDER AND FLYER OF RADIO CONTROLLED  
MODEL AIRPLANES AGAINST PR DOCKET 92-235.  
THE FCC WANTS TO CREATE MORE LAND MOBILE  
FREQUENCIES BY MOVING THEM CLOSER TO THE  
MODEL FREQ. WHICH CAN CAUSE INTERFERENCE  
RESULTING IN LOSS OF CONTROL, CRASH, AND  
POSSIBLE PROPERTY DAMAGE, INJURY, ETC.  
PLEASE HELP ME CONTINUE THE SAFE ENJOYMENT  
OF R/C FLYING BY NOT ALLOWING THE FCC TO  
CARRY OUT IT PROPOSALS FOR THE 72-76 MHz BAND.

SINCERELY, Richard J. Dunbar

FEB 11 1992



**BLAIR AIR AIRCRAFT MAINTENANCE**  
**11867 ELM GROVE**  
**CINTI, OH 45240**  
**513-742-1641 OR PAGE 595-7171**  
**WE COME FLYING DAY OR NIGHT**



February 8, 1992

To: The Honorable David Mann

From: Reed Blair

RE: Frequency changes for model aircraft RC radios

Dear Sir:

It has been brought to my attention that there is a proposal (NPRM -PR Docket 92-235) to restructure the frequencies I am accustomed to utilizing to operate my model aircraft. I am opposed to this change for several reasons.

1. Safety. I would propose that by allowing the mobile telephones to operate in between our currently used frequencies, it will render them unsafe to use. This is because the new frequencies will be allowed to vary so much from their assigned frequencies that they will actually be operating on the model frequency instead. It was not to long ago that we were required to update our model equipment to operate in a very narrow band width. It is a major slap in the face to me that the government would allow this to happen after I have made a great effort to comply with all the rules! I thought when I bought the new radio equipment that I would be investing in a secure flying future. I believe that my fellow modelers in Russia enjoy this small privilege.

THE BASIC IDEA IS THAT A RADIO CONTROLLED MODEL IS SAFE AS LONG AS THE MODEL REMAINS CONTROLLED BY THE CORRECT RADIO, A MOBILE TELEPHONE OR OTHER DEVICE IS AN INAPPROPRIATE FOR MODEL CONTROL.

2. I have a substantial investment (\$2000) in radios and equipment that I do not wish to see become so much worthless junk. Under the proposal, I do not see any opportunity to continue modeling as I do today, it simply will not be feasible in a heavily populated community.
3. I am a voter with a good memory. I will remember how this turns out.....  
It is your decision, look out for your constituents, or look out for Motorola. Motorola can not elect you again, but then I suppose the perks are nice....

Sincerely,

Reed N. Blair  
AMA 303609

February 1, 1993

1993 FEB 17  
*THE HONORABLE DAVID MAW.*

I have recently been made aware of a Federal Communications Commission's proposal which, if adopted, would have a devastating impact on a hobby to which I devote much time and money. The hobby I refer to is the flying of radio controlled (R/C) airplanes, and helicopters.

The proposed rule is identified in PR Docket 92-235. Its intent is to allow placement of mobile service (i.e. cellular phones) between channels currently used in the 72 & 75 MHz bands by hobbyists. The proposed spacing of the mobile users is only 2.5 KHz from the channels we currently use. This proposed rule would effectively eliminate the safe operation of over 60 % of the channels used in the 72 MHz band, and 30 % of the channels used in the 75 MHz band.

If mobile users were allowed to be placed this close to already established R/C frequencies, given their significantly stronger transmission power, they would pose a serious safety risk to both spectators and operators of R/C controlled equipment. It should be noted that many of the models we have reach weights beyond 20 pounds, and speeds up to 200 MPH. Realizing that the frequencies used to control these models, are currently used by thousands of people in the R/C hobby, makes the issue of public safety a very real concern.

I personally have been involved in flying R/C models for many years. It is a hobby I hope to enjoy, like many of my friends, long into my retirement. I have many radios, motors, airplanes, and field accessories used to support my hobby. This to me represents a very significant investment of time, and money. Considering I am only one of the thousands of people comprising the R/C hobby, please take into account the damage this proposed rule change could have on all of us in terms of, its financial implementations, and, the enjoyment we derive from the hobby.

I hope you, the members of the FCC, would reconsider this proposed rule change, and decide that keeping the current spacing of 10 KHz between channels in the 72 & 75 MHz bands is necessary. Please ensure that the safety, financial, and recreational concerns of those involved with the hobby of radio control are protected, and represented in the consideration of rules governing the use of radio frequencies.

Thank you for your consideration of this matter.

Sincerely,



Three Rivers Marine Service  
94 Wamsley Avenue • Clevel., Ohio 43002  
(513) 941-4668

FEB 19 1992

Boat Storage  
Repair and Refinish  
Engine Service  
Stern Drive Service  
Outboard Service

Barry A. Liggett  
General Manager

The Honorable David Mann  
United States House of Reps.  
Washington D.C. 20510

RE: FCC Action  
NPRM PR Docket 92-235

February 4, 1992

Dear Mr. Mann:

I have been involved in radio controlled models for years. I have many dollars invested in my hobby, as do many others who enjoy the same hobby. We also have made safety in our hobby our number one concern.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use. It will also increase the risk of accidents and attendant liability for controlling model aircraft.

Many of the model aircraft being flown by radio control weigh in excess of TWENTY pounds and are capable of speeds in excess of ONE HUNDRED MILES PER HOUR.

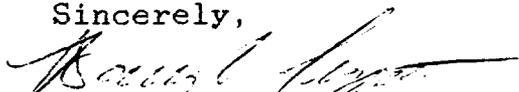
Should the radio receiver in one of these planes be hit by a stray signal, such as the proposed in this rule by the FCC, the plane would then become an out of control weapon. This would be a very serious problem. An object falling from the sky at that speed and being that heavy would surely do serious damage to what ever it collided with. Person or property.

As it is now, our radio frequencies are safe. There is very seldom a problem with a radio hit.

As proposed the new frequencies will fall in the middle of the ones we use and have two and one half times more power than we use. They will also be mobile. This means it can be anywhere. In the parking lot of our flying field, or even in our pit area.

Please take this into consideration and help us vote it down. This will be a very dangerous situation if it allowed to pass.

Sincerely,

  
Barry A. Liggett

RICHARD A. PANDORF  
7320 Sanderson Place,  
Cincinnati, Ohio  
45243

February 2, 1993

Congressman David Mann,  
UNITED STATES HOUSE OF REPRESENTATIVES  
Washington, DC.  
20515

Reference: PR-92-235

Dear Congressman Mann:

For the past 20 or so years I have been active in building and flying RC (radio controlled) aircraft and carry a license issued by the ACADEMY OF MODEL AERONAUTICS-#86916.

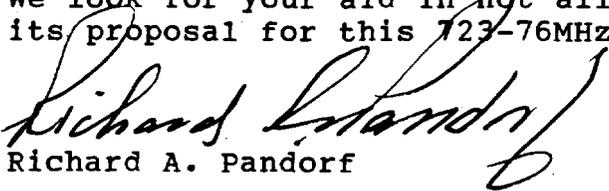
I have been advised that the FCC, through the above mentioned bill, would like to adopt new rules that could greatly reduce the usability of frequencies currently assigned for model use. These suggested changes could greatly increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile users at the expense of radio control modelers. I, along with many of my fellow flyers, have a considerable investment in our models and in our radio equipment. This hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

We look for your aid in ~~not~~ allowing the FCC to carry out its proposal for this 723-76MHz band change. Thank you.

  
Richard A. Pandorf

FEB 10 1993

January 30, 1993

Hon David Mann  
US House of Representatives  
Washington DC 20510

I am interested in aviation and am very active in a local club whose members enjoy constructing and operating radio-controlled airplanes. I personally own 7 radios, 8 R/C models, and have a workshop full of other products necessary to operating the models. *The Radios alone cover 175<sup>00</sup> each.*

I am very concerned about the proposed rule that is currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability.

Our radio-control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

The Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of the rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band (for R/C aircraft) and 10 of the 30 frequencies on the 75 MHz band (for R/C cars and boats) now used by hobbyists. In fact, more channels will likely be affected. *5 of my radios are below ch 42 and would become obsolete*

When we operate our R/C models, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

I don't think it is wise of the FCC to seek to expand the operation conditions of land mobile radio users at the expense of the radio-control modelers. The FCC may not think we are as important as business users of radio, but we have a considerable investment in our models and in our radio equipment. It is a sizeable industry that must be saved from these detrimental FCC actions. The hobby provides many hours of enjoyment to hundreds of thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal PR Docket 92-235 for the 72-76 MHz band. We all need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Sincerely,

*Le Roy C. Gortner  
819 Fairbairn Rd  
Cinti 45240*

FEB 18 1994

The Honorable David Mann  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Sir:

As a member of a local model airplane club, and having been interested in aviation for along time I wish to state that I am very concerned about PR DOCKET 92-235. Adapting this proposal will greatly reduce frequencies assigned for model use and increase risk of accidents.

The frequencies now assigned provide for sharing the band without interfering with each other. Under the proposal this will not be possible. Interference will cause serious problems of control. These expensive models that consume hours and hours of construction time and can weigh as much as 40 pounds, travel at speeds up to 100 mph. Interference of the controls by frequencies too close would be dangerous.

This hobby provides me and many others with many hours of enjoyment. It is also an excellent training area for youngsters in that their energies can be directed toward aviation, model building and radio.

Please do not allow the FCC to implement these proposals For the 72-76 MHz band.

Sincerely,

*Scott Schmidt*

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6389 Springmyer Drive  
Cincinnati, OH 45248  
February 8, 1993

The Honorable David Mann  
505 Cannon  
House Office Building  
Washington, DC 20510

Dear Mr. Mann:

I am retired and derive many hours of enjoyment from constructing and operating radio-controlled model airplanes. I am very active in a local club whose members enjoy constructing and operating radio-controlled model airplanes.

I am very concerned about the proposed rule that is currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and risk of accidents and attendant liability.

Our radio-control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

The Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of the rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies with 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band (for R/C aircraft) and 10 of the 30 frequencies on the 75 MHz band (for R/C cars and boats) now used by hobbyists. In fact, more channels will likely be affected.

When we operate our R/C models, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

I don't think it is wise of the FCC to seek to expand the operation conditions of land mobile radio users at the expense of the radio-control modelers. The FCC may not think we are as important as business users of radio, but we have a considerable investment in our models and in our radio equipment. It is a sizeable industry that must be saved from these detrimental FCC actions. The hobby provides many hours of enjoyment to hundreds of thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my past by not allowing the FCC to carry out its proposal PR Docket 92-235 for the 72-76 MHz band. We all need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Sincerely,

  
Mr. Robert Feist

A. N. A. MEMBER # 457474

FEB 16 1997

The Honorable Charles J. Mann  
The U.S. House of Representatives  
Washington D.C. 20515

Dear Sir,

It has recently come to my attention that the FCC is considering action which will severely limit or eliminate a very important hobby I am engaged in. This is the design, building, and flying of radio controlled aircraft.

The Notice of Proposed Rule Making in PR Docket 92-235 replaces part 90 with a new part 88. Currently a 10 Khz frequency spacing exists between fixed commercial users and those frequencies used by radio control enthusiasts. The new part 88 would reduce this spacing to 2.5 Khz and allow mobile users. This would eliminate at least 40 of the current 50 channels available.

I believe this presents a serious hazard. Imagine a 30 pound aircraft, traveling at over 70 miles per hour losing control because someone used a car phone while driving by. Severe personal and/or property could result, not to mention the loss of an aircraft costing hundreds if not thousands of dollars.

Secondly, the FCC changed the frequencies allocated to radio control less than 5 years ago. This necessitated tens of thousands of modelers to replace their radio equipment. Now here we go again, but this time there are no frequencies to change to. I'm getting tired of spending \$1500 each time the FCC changes their mind.

Please help me to continue a very enjoyable hobby to which I along with hundreds of thousands others, spend many hours and quite a lot on money yearly. Vote to defeat PR Docket 92-235.

Thank you,  
Glenn J. Pogue  
6650 Pownerfarm Drive  
Cincinnati, Ohio 45248



6418A Fireside Drive  
Centerville, OH 45459

February 3, 1993

The Honorable David Mann  
505 Cannon  
House Office Building  
Washington, DC 20510

FEB 12 1993

Dear Mr. Mann:

I have been actively involved in the construction and operation of radio controlled model airplanes for the past 20 years, as a pilot and participant in public spirited and educational events such as Air Show Team Demonstrations and, for example, the annual Flying Circus as sponsored by the Greater Cincinnati Radio Control Club. These productions promote aviation, involve the youth of the community in worthwhile family activities and are even used as test beds for new airframe and engine technology development.

I am now very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the suability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for those controlling the model airplanes.

Our radio control frequencies are in the 72-76 MHz band, which is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of spectators and pilots like myself and contributes to the advancement and development of the commercial aviation industry.

Plas help us continue the safe enjoyment of our pursuit by not allowing the FCC to carry out its proposals for the 72-76 MHz. band.

Sincerely,



Decker Doggett

FEB 13 1993

JOSEPH C. SIEVE  
5959 Snyder Road  
Cincinnati, Oh. 45247-5727

February 3, 1993

The Honorable David Mann  
United State House of Representatives  
Washington, DC 20515

Subject: FCC Action - NPRM PR Docket 92-235

Dear Mr. Mann

I have recently been made aware of a Federal Communications Commission's proposed which, if adopted, would have a devastating impact on a hobby to which I devote much time and money. The hobby I refer to is the flying of radio controlled (R/C) airplanes and helicopters.

The proposed rule is identified in the PR Docket 92-235. Its intent is allow placement of mobile service (i.e. cellular phones) between channels currently used in the 72 and 75MHz bands by hobbyists. The proposed spacing of the mobile users is only 2.5KHz from the channels we currently use. This proposed rule would effectively eliminate the safe operation of over 60% of the channels used in the 72MHz band and 30% of the channels used in the 75MHz band. Because the new frequencies are mobile and not fixed based the R/C operator will never know when he is at risk.

We go to great lengths to assure the safety of the operators, spectators, and personal property. This FCC rule change will make safe radio controlled flying impossible and one more piece of America will be destroyed in the name of progress.

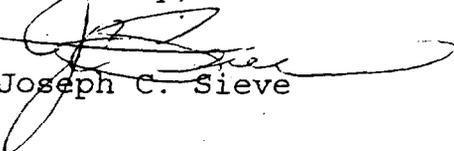
This is more than just a hobby. This is a great teaching tool. Teaching the practical application of physics, aerodynamics, electronics and physical coordination. I know because forty years ago I constructed model airplanes for science projects.

I do not think the FCC should expand the use of mobile phones at the expense of the radio controlled industry. This will not create any new jobs, for every job added by this ruling one will be lost in the R/C industry.

Dave, please help me continue the safe enjoyment of model aviation by not allowing the FCC to carry out proposal PR Docket 92-235

Thank you

Sincerely,

  
Joseph C. Sieve